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Docket No. 740756-2676

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Shinya SASAGAWA et al.

) Confirmation No. 6646

Application No. 10/731,089

) Examiner: Maki A. Angadi

Filed: December 10, 2003

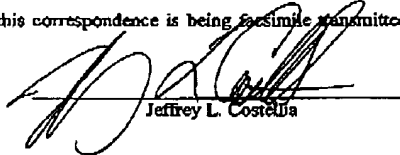
) Group Art Unit: 1765

For: METHOD OF MANUFACTURING  
A SEMICONDUCTOR DEVICE

)

) Date: January 11, 2007

I hereby certify that this correspondence is being facsimile transmitted to the USPTO at 571-273-8300, on  
January 11, 2007.

  
Jeffrey L. CostelloINFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
Customer Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§1.97 and 1.98.

Pursuant to 37 C.F.R. §1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. §371 after June 30, 2003.

US-6,909,114; US-2005/0104068; US-2005/0110016; and US-2006/0051906 are in the same family. US-6,501,098; US-7,064,020; and US-2006/0208258 are in the same family. US-6,545,359; US-6,809,021; and US-

10250618.1

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01 FC:1806 180.00 DA

Docket No. 740756-2676

2005/0056837 are in the same family. US-2005/0056934 and US-2005/0266593 are in the same family.


A payment in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees in connection with this filing which may be required, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By:

  
Jeffrey L. Costellia  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/731,089
				Filing Date	December 10, 2003
				First Named Inventor	Shinya Sasagawa et al.
				Art Unit	1765
				Examiner Name	Maki A. Angadi
Sheet	1	of	1	Attorney Docket Number	740756-2676

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
		US-6,909,114 B1	06-21-2005	Yamazaki	
		US-2005/0104068 A1	05-19-2005	Yamazaki	
		US-2005/0110016 A1	05-26-2005	Yamazaki	
		US-2006/0051906 A1	03-9-2006	Yamazaki	
		US-6,501,098 B2	12-31-2002	Yamazaki	
		US-7,064,020 B2	06-20-2006	Yamazaki	
		US-2006/0208258 A1	09-21-2006	Yamazaki	
		US-6,545,359 B1	04-8-2003	Ohtani et al.	
		US-6,809,021 B2	10-26-2004	Ohtani et al.	
		US-2005/0056837 A1	03-17-2005	Ohtani et al.	
		US-2005/0056934 A1	03-17-2005	Suzawa et al.	
		US-2005/0266593 A1	12-01-2005	Suzawa et al.	
		US-2003/0054653 A1	03-20-2003	Yamazaki et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>6</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL FOR FY 2005</b>		Complete if Known	
		Application Number	10/731,089
		Filing Date	December 10, 2003
		First Named Inventor	Shinya SASAGAWA et al.
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	Maki A. Angadi
TOTAL AMOUNT OF PAYMENT	(\$180.00)	Art Unit	1765
		Attorney Docket No.	740270-2676

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## METHOD OF PAYMENT (check all that apply)

- ☐ Check   ☐ Credit Card   ☐ Money Order   ☐ None   ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account   Deposit Account Number: 19-2380   Deposit Account Name: \_\_\_\_\_
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
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## FEE CALCULATION

## 1. BASIC FILING, SEARCH AND EXAMINATION FEES

Application Type	Fee (\$)	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
		Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		

## 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple document claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x					
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	x					
HP = highest number of independent claims paid for, if greater than 3						

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application-size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number)	x	

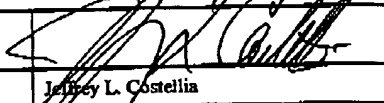
## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement

\$180.00

## SUBMITTED BY

Signature		Registration No. 35,483 (Attorney/Agent)	Telephone 202 585 8000
Name (Print/Type)	Jeffrey L. Costella		Date January 11, 2006

SEND TO: Commissioner for Patents  
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